

1. A communication apparatus that minimizes a retransmission of messages when an error message is received during a communication handshaking procedure, comprising:

a receiver that receives messages from a central communication apparatus, said receiver detecting an error message during the communication handshaking procedure; and

a retransmission requester that transmits a retransmission request message to the central communication apparatus when said receiver detects the error message.

2. The communication apparatus of claim 1, wherein said retransmission request message includes a last correctly received message.

3. The communication of claim 2, wherein a retransmission commences with a message immediately after said last correctly received message.

4. The communication apparatus of claim 1, wherein said retransmission request message includes information related to a suggested length of a subsequent message frame to be transmitted to the communication apparatus.

5. The communication apparatus of claim 1, wherein said retransmission request message includes information related to a frame number of a multi-segmented message.

6. The communication apparatus of claim 2, wherein said retransmission requester transmits a null message code to the central communication apparatus instead of said last correctly received message when said receiver does not receive an error free message during the communication handshaking procedure.

7. A central communication apparatus that minimizes a retransmission of messages when an error message is received during a communication handshaking procedure, comprising:

a receiver that receives messages from a remote communication terminal, said receiver detecting an error message during the communication handshaking procedure; and

a retransmission requester that transmits a retransmission request message to the remote communication terminal when said receiver detects the error message.

8. The central communication apparatus of claim 7, wherein said retransmission request message includes a last correctly received message.

9. The central communication apparatus of claim 8, wherein a retransmission commences with a message immediately after the last correctly received message.

10. The central communication apparatus of claim 7, wherein said retransmission

request message includes information related to a suggested length of a subsequent message frame to be transmitted to the central communication apparatus.

11. The central communication apparatus of claim 7, wherein said retransmission request message includes information related to a frame number of a multi-segmented message.

12. The central communication apparatus of claim 8, wherein said retransmission requester transmits a null message code to the remote communication terminal instead of the last correctly received message when said receiver does not receive an error free message during the communication handshaking procedure.

13. A method for minimizing a retransmission of messages when an error message is received during a communication handshaking procedure, comprising:

receiving messages from a central communication apparatus;

detecting an error message during the communication handshaking procedure; and

transmitting a retransmission request message to the central communication apparatus when the error message is detected.

14. The method of claim 13, wherein the retransmission request message includes a

last correctly received message.

15. The method of claim 14, wherein a retransmission commences with a message starting immediately after the last correctly received message.

16. The method of claim 13, wherein the retransmission request message includes information related to a suggested length of a subsequent message frame to be transmitted.

17. The method of claim 13, wherein the retransmission request message includes information related to a frame number of a multi-segmented message.

18. The method of claim 14, further comprising transmitting a null message code to the central communication apparatus instead of the last correctly received message when an error free message is not received during the communication handshaking procedure.

19. A method for minimizing a retransmission of messages when an error message is received during a communication handshaking procedure, comprising:

receiving messages from a remote communication terminal;

detecting an error message during the communication handshaking procedure; and

transmitting a retransmission request message to the remote communication terminal

when the error message is detected.

20. The method of claim 19, wherein the retransmission request message includes a last correctly received message.

21. The method of claim 20, wherein a retransmission commences with a message immediately after the last correctly received message.

22. The method of claim 19, wherein the retransmission request message includes information related to a suggested length of a subsequent message frame to be transmitted.

23. The method of claim 19, wherein the retransmission request message includes information related to a frame number of a multi-segmented message.

24. The method of claim 20, further comprising transmitting a null message code instead of the last correctly received message when an error free message is not received during the communication handshaking procedure.

25. A method for minimizing a retransmission of messages between a plurality of communication apparatuses when an error message is received during a communication

handshaking procedure, comprising:

detecting whether a message received during a communication handshaking procedure includes an error message; and

transmitting a retransmission request message to a communication apparatus, of the plurality of communication apparatuses, that transmitted the error message when the error message is detected.

26. The method of claim 25, wherein the retransmission request message includes a last correctly received message.

27. The method of claim 26, wherein a retransmission commences with a message that starts immediately after the last correctly received message.

28. The method of claim 25, wherein the retransmission request message includes information related to a suggested length of a subsequent message frame to be transmitted.

29. The method of claim 25, wherein the retransmission request message includes information related to a frame number of a multi-segmented message.

30. The method of claim 26, further comprising transmitting a null message code

P24177

instead of the last correctly received message when an error free message is not received during the communication handshaking procedure.